

ABSTRACT OF THE DISCLOSURE

An arc evaporation device including a cathode target surrounded by a housing that forms the anode. In order to achieve a uniform evaporation of the target material, several electrically conductive second connections (84, 86) originate from the housing, these connections being linked by a second conductor (74) fixing an envelope having a geometry corresponding to the envelope of the target or that of a first conductor (72), which links the electric connections (76, 78) of the target.